



## HYDROLYZED PEARL POWDER

### PRODUCT NAME

PREMIER  
HYDROLYZED PEARL  
POWDER

### APPLICATION(S)

photo protection  
anti-aging  
sensitive skin  
anti-acne  
hair care  
skin lightening

### COMPOSITION (INCI)

Pearl Powder

### ORIGIN

Sea

### CAS NUMBERS

471-34-1

### EINECS NUMBERS

207-439-9

### USE LEVEL

### SOLUBILITY

Water

### PRODUCT CODE

Premier #385695

### PREMIER HYDROLYZED PEARL POWDER

According to ancient texts and records including the "Compendium of Materia Medica" and the current "Pharmacopoeia PRC edition" pearl has been used for medicinal purposes in China for over 2000 years, taken internally and applied topically to support healthy bone development, and to promote, youthful, lustrous skin.

Ancient Chinese Emperresses claimed that secret to their smooth, clear skin was attributed to a special pearl powder formula that was passed on from generation to generation.

Doctors who practice Traditional Chinese Medicine believe the calcium and other valuable minerals and amino acids from pearl powder can be absorbed through the skin to speed the skin's natural metabolism, promoting the regeneration of new cells to rejuvenate the complexion, heal blemishes, reduce inflammation, minimize large pores and reduce redness and improve skin's firmness and elasticity.

### WHY PREMIER HYDROLYZED PEARL POWDER?

Pearls are made of aragonite (a form of Calcium Carbonate,  $\text{CaCO}_3$ ) and a small amount of conchiolin, an organic albuminoid substance. Only in the pearl does this unique combination of minerals, proteins and an assortment of amino acids exist, which when used topically, keep the skin soft, smooth, supple while preventing pigmentation and uneven skin tone.

Unlike standard pearl powders made of pulverized material, Premier Hydrolyzed Pearl Powder is the hydrolyzed, water-soluble form of the powder obtained from pearls for easy delivery and absorption in skin care applications.

### ACTIVITY OF PREMIER HYDROLYZED PEARL POWDER

Pharmacological studies have shown that the powder of sea pearl has numerous dermatologic uses:

- ◆ Tonic
- ◆ Strengthening and volumizing the hair
- ◆ Promotes the activities of the premier antioxidant enzyme, Superoxide Dismutase
- ◆ Anti-radiative action (UV, IR)
- ◆ Nourishing
- ◆ Improves keratin formation, and provides structural support at the follicle
- ◆ Stimulates metabolic activity/cell revitalization and renewal (minimizing age spots, freckles, and discoloration)
- ◆ Minimizes the appearance of pores



# PREMIER SPECIALTIES

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## HYDROLYZED PEARL POWDER



### TYPICAL PROPERTIES

Appearance	Fine Powder
Color	White to buff-white
Odor (Triangle Test)	To Match Std.
Calcium content	> 10%
Water	< 30%
Protein, g/100g	> 0.3
Heavy Metals(Pb)	< 1ppm
Mercury	< 0.5ppm
Arsenic(As)	< 0.5ppm

### REFERENCES

1. G. Cao et al. Pearl and mother-of-pearl powder in health-care. Zhongguo Zhong Yao Za Zhi 21:635-638 (Oct 1996).
2. ZH Tong et al. The anti-aging effect of pearl oyster shell powder. J Tradit Chin Med 8(4):247-250 (Dec 1988).
3. T Fujita et al. Heated oyster shell seaweed calcium (AAA Ca) on osteoporosis. Calcif Tissue Int 58(4):226-230 (Apr 1996).
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